



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shankar Vaidyanathan et al.

Title: AUTOMATED HELP INFORMATION

Docket No.: 777.174US1

Filed: November 13, 1998

Examiner: Unknown

Serial No.: 09/191,757

Due Date: N/A

Group Art Unit: 2764

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

MAR 04 1999

Group 2700

We are transmitting herewith the attached:

- ☒ Communication Re: Incorrect Filing Receipt (1 pg.)
- ☒ Copy of Filing Receipt (1 pg.)
- ☒ A return postcard.
- ☒ Copy of Combined Declaration and Power of Attorney as filed (3 pgs.)
- ☒ Copy of first page of Application as filed (1 pg.)

No Additional fee is required.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this 12 day of January, 1999.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Rodney L. Lacy  
Name: Rodney L. Lacy  
Reg. No. 41,136  
RLL:CMG:af

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Section  
\$  
#3

Applicant: Shankar Vaidyanathan et al.

Title: AUTOMATED HELP INFORMATION

Docket No.: 777.174US1

Filed: November 13, 1998

Examiner: Unknown



Serial No.: 09/191,757

Due Date: February 4, 1999

Group Art Unit: 2764

Attn: Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the attached:

- ☒ An Assignment of the invention to Microsoft Corporation ( 3 pgs.) and Recordation Form Cover Sheet (1 pg.).
- ☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27.
- ☒ A signed Combined Declaration and Power of Attorney ( 3 pgs.).
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the Extension Fee.
- ☒ A check in the amount of \$130.00 to cover the Missing Parts Fee.
- ☒ A check in the amount of \$1,180.00 to cover the Basic Filing Fee and Additional Claims Fee.
- ☒ A check in the amount of \$40.00 to cover the Assignment Recording Fee.
- ☒ Form PTO-1533 (1pg.)
- ☒ Communication Re: Missing Parts (1 pg.)
- ☒ A return postcard.
- ☐ Other: \_\_\_\_.

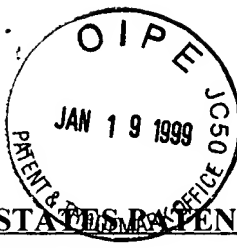
Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Attn: Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231, on this 12<sup>th</sup> day of January, 1999.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Rodney L. Lacy  
Name: Rodney L. Lacy  
Reg. No. 41,136  
RLL:CMG:af

S/N 09/191,757



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shankar Vaidyanathan et al.

Examiner: Unknown

Serial No.: 09/191,757

Group Art Unit: 2764

Filed: November 13, 1998

Docket: 777.174US1

Title: AUTOMATED HELP INFORMATION

COMMUNICATION RE: MISSING PARTS

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

In response to the "Notice to File Missing Parts" (see enclosed copy), we submit the signed Combined Declaration and Power of Attorney along with a check in the amount of \$130.00 to cover the large entity surcharge and a check in the amount of \$1,180.00 to cover the large entity basic filing fee.

Applicants assume the application is now in proper order and in condition for examination. Please direct any inquiries to the undersigned attorney at (612) 373-6954.

Respectfully submitted,

SHANKAR VAIDYANATHAN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6954

Date January 12, 1999

By

Rodney L. Lacy  
Reg. No. 41,136  
RL:CMG:af

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first  
class mail in an envelope addressed to Assistant  
Commissioner of Patents, Washington, D.C. 20231,  
on January 12, 1999.

Date of Deposit

Rodney L. Lacy  
Rodney L. Lacy

S/N 09/191,757



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shankar Vaidyanathan et al.

Examiner: Unknown

Serial No.: 09/191,757

Group Art Unit: 2764

Filed: November 13, 1998

Docket: 777.174US1

Title: AUTOMATED HELP INFORMATION

COMMUNICATION RE: INCORRECT FILING RECEIPT

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MAR 04 1999

Assistant Commissioner for Patents  
Washington, D.C. 20231

Group 2700

Applicants hereby request correction of the Filing Receipt with respect to the above-identified patent application. In the Filing Receipt received December 8, 1998, (copy enclosed), the Applicant Information is incomplete. The Filing Receipt reads, *SHANKAR VAIDYANATHAN*, it should read, *SHANKAR VAIDYANATHAN, REDMOND, WA; PHIL LUCIDO, REDMOND, WA; SUNDEEP BHATIA, REDMOND, WA*. This is evidenced by the Combined Declaration and Power of Attorney as filed (copy enclosed). Also incorrect is the Title. The Filing Receipt reads, *AUTOMATEDHELP INFORMATION*, it should read, *AUTOMATED HELP INFORMATION*. This is evidenced by the first page of the Application as filed (copy enclosed).

Applicants would appreciate the above-identified printing error be corrected and that a new "corrected" filing receipt be sent to Applicants' representatives at the address given below.

Respectfully submitted,

SHANKAR VAIDYANATHAN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6954

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner of Patents, Washington, D.C. 20231, on January 8, 1999  
Date of Deposit

Rodney L. Lacy  
Barry D. Zing

Date January 12, 1999

By Rodney L. Lacy  
Rodney L. Lacy  
Reg. No. 41,136  
RLL:CMG:af



**AUTOMATED HELP INFORMATION**

**RECEIVED**

MAR 04 1999

Group 2700

## RELATED APPLICATIONS

5           This application is related to the following applications, all of which are filed on the same day and assigned to the same assignee as the present application:

“Dynamic Parsing” – serial no. \_\_\_\_\_,

“Automatic Statement Completion” – serial no. \_\_\_\_\_, and

“Indexing and Searching Across Multiple Sorted Arrays” – serial no.

10           \_\_\_\_\_.

## COPYRIGHT NOTICE/PERMISSION

          A portion of the disclosure of this patent document contains material which is subject to copyright protection. The copyright owner has no objection to the facsimile reproduction by anyone of the patent document or the patent disclosure as it appears in the Patent and Trademark Office patent file or records, but otherwise reserves all copyright rights whatsoever. The following notice applies to the software and data as described below and in the drawing hereto: Copyright © 1998, Microsoft Corporation, All Rights Reserved.

20

## FIELD

          This invention relates generally to software development environments, and more particularly to automatically providing help information.

25

## BACKGROUND

          Over time computer programs and the software programming languages used to

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

#4-  
Receipt

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/191,757	11/13/98	2764	\$0.00	777.174US1	8	39	4

021186

SCHWEGMAN LUNDBERG WOESSNER & KLUTH  
P O BOX 2938  
MINNEAPOLIS MN 55402

Feb. 13, 1999 - IDS  
Aug. 13, 1999  
NOV. 13, 1999 - conv. exp.

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

SHANKAR VAIDYANATHAN.

FOREIGN FILING LICENSE GRANTED 12/01/98

\* SMALL ENTITY \*

TITLE

AUTOMATEDHELP INFORMATION

PRELIMINARY CLASS: 395

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Group 2700

Schwegman, Lundberg,  
Woessner & Kluth, P.A.

DEC 08 1998

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/191,757	11/13/98	VAIDYANATHAN	S 777.174US1

021186 0262/1204  
SCHWEGMAN LUNDBERG WOESSNER & KLUTH  
P O BOX 2938  
MINNEAPOLIS MN 55402

NOT ASSIGNED

2764

DATE MAILED:

12/04/98

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☐ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☐ non-small entity is \$ 1310.

☒ 1. The statutory basic filing fee is:

☒ missing.

☐ insufficient.

Applicant must submit \$ 760 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. Additional claim fees of \$ \_\_\_\_\_, including any multiple dependent claim fees, are required.

\$ 78 for 1 independent claims over 3.

\$ 342 for 19 dependent claims over 20.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

☒ is missing or unexecuted.

☐ does not cover the newly submitted items.

☐ does not identify the application to which it applies.

☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

01/25/1999 RTSEGAYE 00000035 09191757

130.00  
760.00  
78.00  
342.00

01 FC:105  
02 FC:101  
03 FC:102  
04 FC:103